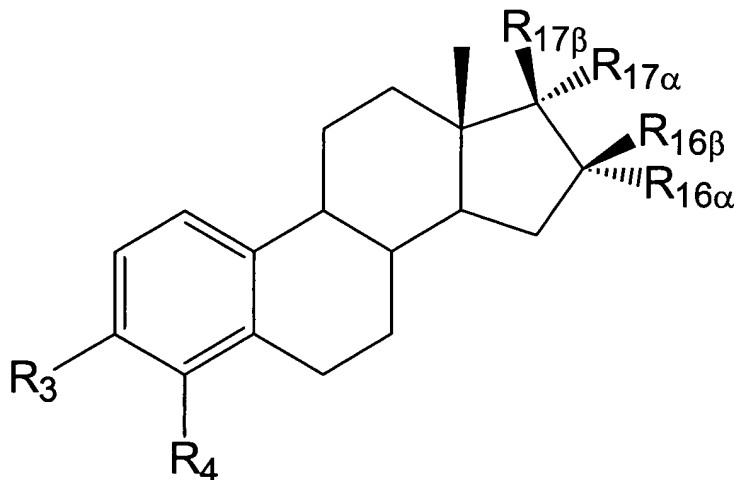


## LISTING OF THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. **(Currently amended)** A compound having the molecular structure :



wherein R<sub>3</sub> is selected from the group consisting of hydrogen, fluoro, chloro, bromo, iodo, and a moiety -C<sup>o</sup>CR' (R' being hydrogen or C1-C6 lower alkyl);

wherein R<sub>4</sub> is selected from the group consisting of hydrogen, fluoro, chloro, bromo, iodo, and cyanide;

wherein R<sub>17a</sub> is selected from the group consisting of hydrogen, C1-C6 lower alkyl, C2-C6 lower alkenyl, and C2-C6 lower alkynyl, or R<sub>17a</sub> and R<sub>17b</sub> together are oxygen forming a keto group;

wherein R<sub>17b</sub> is selected from the group consisting of hydroxyl and a group transformed on the skin into hydroxyl, or R<sub>17a</sub> and R<sub>17b</sub> together are oxygen forming a keto group;

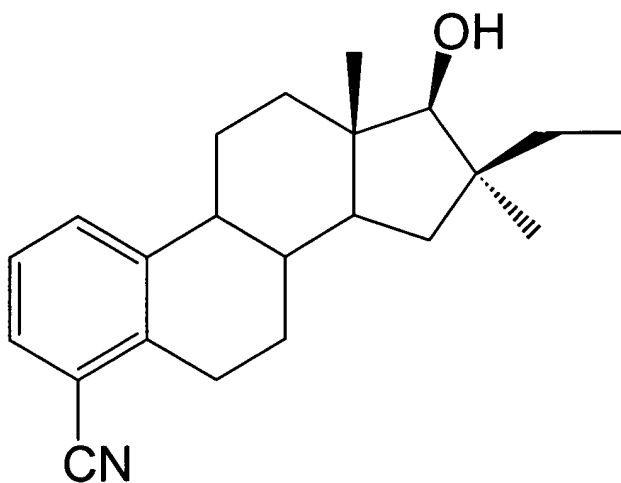
wherein  $R_{16a}$  is selected from the group consisting of hydrogen, C1-C6 lower alkyl, C2-C6 lower alkenyl, and C2-C6 lower alkynyl;

wherein  $R_{16b}$  is selected from the group consisting of hydrogen, C1-C6 lower alkyl, C2-C6 lower alkenyl, and C2-C6 lower alkynyl;

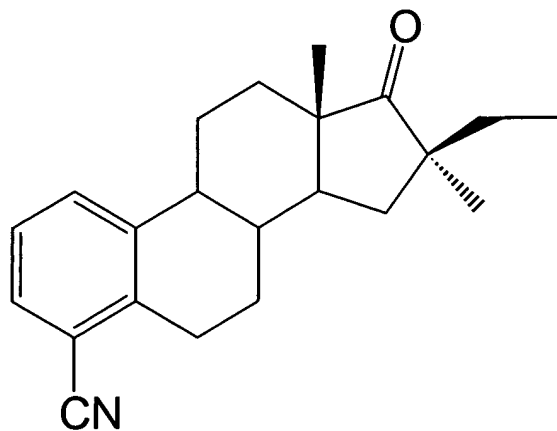
wherein at least one of  $R_3$  or  $R_4$  is not an hydrogen;

wherein at least one of  $R_{16\alpha}$ ,  $R_{16\beta}$  and  $R_{17\alpha}$  is neither absent nor a hydrogen atom.

2. (Original) The compound selected from the group consisting of :

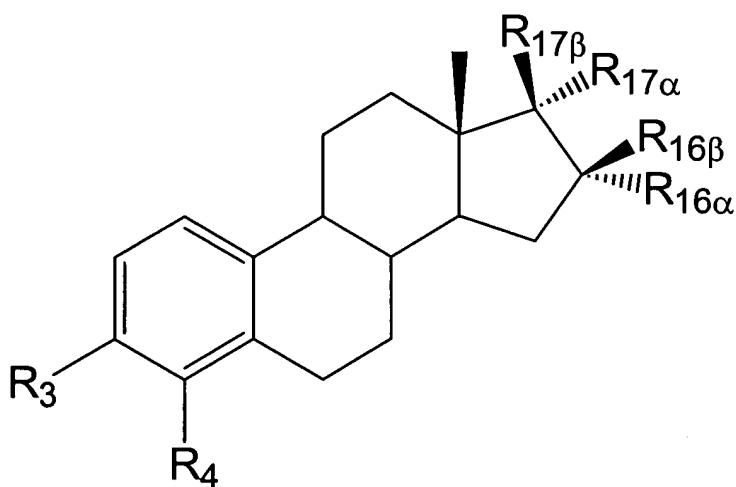


4-cyano-16 $\alpha$ -methyl-16 $\beta$ -ethyl-1,3,5(10)-estratrien-17 $\beta$ -ol  
and



4-cyano-16 $\alpha$ -methyl-16 $\beta$ -ethyl-13,5(10)-estratrien-17-one.

3. (Original) A pharmaceutical composition comprising a pharmaceutical acceptable diluent or carrier and a therapeutically acceptable amount of an antiandrogen having the molecular structure:



wherein  $R_3$  is selected from the group consisting of hydrogen, fluoro, chloro, bromo, iodo, and a moiety  $-C\equiv CR'$  ( $R'$  being hydrogen or C1-C6 lower alkyl);

wherein  $R_4$  is selected from the group consisting of hydrogen, fluoro, chloro, bromo, iodo, and cyanide;

wherein  $R_{17\alpha}$  is selected from the group consisting of hydrogen, C1-C6 lower alkyl, C2-C6 lower alkenyl, and C2-C6 lower alkynyl, or  $R_{17\alpha}$  and  $R_{17\beta}$  together are oxygen forming a keto group;

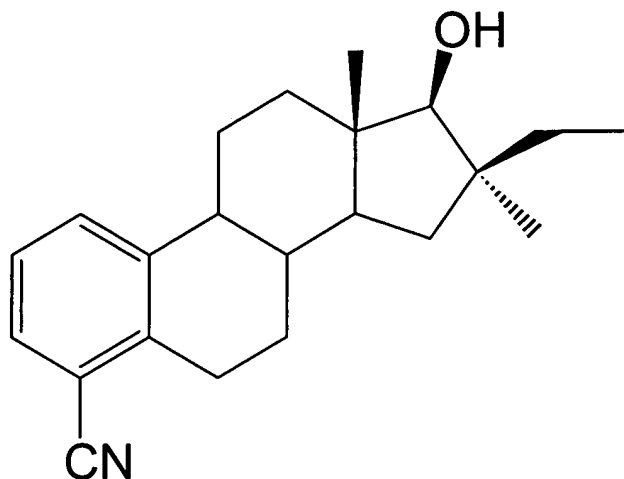
wherein  $R_{17\beta}$  is selected from the group consisting of hydroxyl and a group transformed on the skin into hydroxyl, or  $R_{17\alpha}$  and  $R_{17\beta}$  together are oxygen forming a keto group;

wherein  $R_{16\alpha}$  is selected from the group consisting of hydrogen, C1-C6 lower alkyl, C2-C6 lower alkenyl, and C2-C6 lower alkynyl;

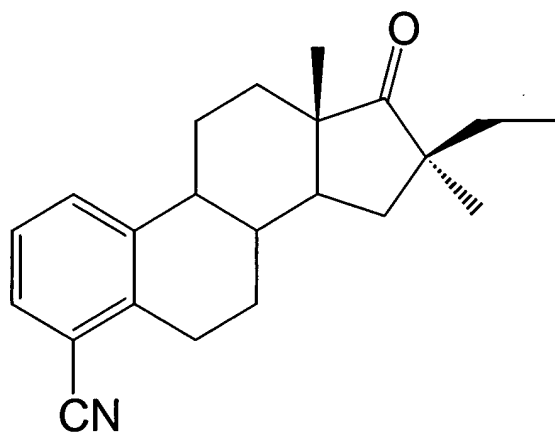
wherein  $R_{16\beta}$  is selected from the group consisting of hydrogen, C1-C6 lower alkyl, C2-C6 lower alkenyl, and C2-C6 lower alkynyl;

wherein at least one of  $R_3$ , or  $R_4$  is not an hydrogen.

4. **(Currently amended)** A pharmaceutical composition comprising a pharmaceutical acceptable diluent or carrier and a therapeutically acceptable amount of an antiandrogen selected from the group consisting of :



4-cyano-16a-methyl-16b-ethyl-1,3,5(10)-estratrien-17b-ol  
and



4-cyano-16a-methyl-16b-ethyl-1,3,5(10)-estratrien-17-one;  
wherein at least one of R16 $\alpha$ , R16 $\beta$  and R17 $\alpha$  is neither absent nor a hydrogen atom.

5. **(Currently amended)** A method of treating or reducing the risk of developing, acne, seborrhea, hirsutism or androgenic alopecia, comprising administering to a patient in need of such treatment or reduction, a therapeutically effective amount of the compound of claim 1.
6. **(Currently amended)** The method of claim 5, further comprising administering to said patient a therapeutically effective amount of an inhibitor of type 5  $17\beta$ -hydroxysteroid dehydrogenase.
7. **(Original)** The method of claim 5, further comprising administering to said patient a therapeutically effective amount of a  $5\alpha$ -reductase inhibitor.
8. **(Original)** The method of Claim 5, further comprising administering to said patient a therapeutically effective amount of an inhibitor of Prostate Short-Chain Dehydrogenase/Reductase 1 (PSDR1).
9. **(Original)** The method of Claim 6, further comprising administering to said patient a therapeutically effective amount of an inhibitor of Prostate Short-Chain Dehydrogenase/Reductase 1 (PSDR1).
10. **(Original)** The method of claim 7, further comprising administering to said patient a therapeutically effective amount of an inhibitor of Prostate Short-Chain Dehydrogenase/Reductase 1 (PSDR1).
11. **(Original)** The method of claim 5, further comprising administering to said patient a therapeutically effective amount of a  $5\alpha$ -reductase inhibitor and an inhibitor of type 5  $17$  -hydroxysteroid dehydrogenase.

12. **(Original)** The method of Claim 11, further comprising administering to said patient a therapeutically effective amount of an inhibitor of Prostate Short-Chain Dehydrogenase/Reductase 1 (PSDR1).